

FROM : H C CHAN

FAX NO. : 408 252 6178

Oct. 28 2003 08:25AM P1

PTO/SB/21 (08-03)

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| TRANSMITTAL FORM <small>(to be used for all correspondence after initial filing)</small> | Application Number | 10/650,334 | |
| | Filing Date | August 28, 2003 | |
| | First Named Inventor | Farid Nemati | |
| | Art Unit | 2826 | |
| | Examiner Name | | |
| Total Number of Pages in This Submission | 4 | Attorney Docket Number | C035-D-1 |

| ENCLOSURES (Check all that apply) | | |
|--|---|---|
| <input type="checkbox"/> Fee Transmittal Form | <input type="checkbox"/> Drawing(s) | <input type="checkbox"/> After Allowance communication to Technology Center (TC) |
| <input type="checkbox"/> Fee Attached | <input type="checkbox"/> Licensing-related Papers | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences |
| <input type="checkbox"/> Amendment/Reply | <input type="checkbox"/> Petition | <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final | <input type="checkbox"/> Petition to Convert to a Provisional Application | <input type="checkbox"/> Proprietary Information |
| <input type="checkbox"/> Affidavits/declaration(s) | <input type="checkbox"/> Power of Attorney, Revocation | <input type="checkbox"/> Status Letter |
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| <input type="checkbox"/> Response to Missing Parts/Incomplete Application | Remarks | |
| <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | | |

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| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT | |
|--|-----------------------------|
| Firm or Individual name | Hark Chan (Reg. No. 35,477) |
| Signature | <i>H Chan</i> |
| Date | Oct 28, 2003 |

| CERTIFICATE OF TRANSMISSION/MAILING | |
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| I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. | |
| Typed or printed name | Hark Chan |
| Signature | <i>H Chan</i> |
| Date | Oct 28, 2003 |

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If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| | | |
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| In re Application of: Farid Nemati |) | Examiner: Unknown |
| |) | |
| Serial No.: 10/650,334 |) | Group Art Unit: Unknown |
| |) | |
| Filed: August 28, 2003 |) | |
| |) | |
| For: A Thyristor Having a First Emitter with |) | |
| Relatively Lightly Doped Portion to the Base |) | |

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INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

Listed on the attached Form PTO-1449 is information known to applicant. Each reference cited herein was previously cited in parent applications and a copy of each reference was provided to the Examiner, or cited by the Examiner in an Office Action. No additional copies of the references are being submitted with this paper, but will be furnished upon the Examiner's request.

Applicants respectfully request that the listed information be considered by the Examiner and be made of record in the above-identified application. If form PTO-1449 is enclosed, the Examiner is requested to initial and return it in accordance with MPEP 609.

This statement is not intended to represent that a search has been made or that the information cited in the statement is, or is considered to be, material to patentability as defined in section 1.56.

Respectfully submitted,

Date: October 27, 2003


Hark C. Chan (Reg. No. 35,477)

PTO/SB/08A (08-03)

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| Substitute for form 1449/PTO | | Complete If Known | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i> | | Application Number | 10/650,334 |
| | | Filing Date | Aug. 28, 2003 |
| | | First Named Inventor | Farid Nemati |
| | | Art Unit | |
| | | Examiner Name | |
| Sheet 1 of 2 | Attorney Docket Number | C035-D-1 | |

| U. S. PATENT DOCUMENTS | | | | | |
|------------------------|-----------------------|---|--------------------------------|--|---|
| Examiner Initials* | Cite No. ¹ | Document Number Number-Kind Code ² (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | US- 6,229,161 | 5-8-2001 | Nemati et al. | |
| | | US- 6,104,045 | 8-15-2000 | Forbes et al. | |
| | | US- 6,128,216 | 10-3-2000 | Noble, Jr. et al. | |
| | | US- 6,225,165 | 5-1-2001 | Noble, Jr. et al. | |
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| FOREIGN PATENT DOCUMENTS | | | | | | |
|--------------------------|--------------------------|---|---------------------|--|---|----------------|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | Publication Date | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear | T ⁵ |
| | | Country Code ² Number ³ Kind Code ⁴ (if known) | MM-DD-YYYY | | | |
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| Examiner Signature | Date Considered |
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language translation is attached.

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

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|------------------------|---------------|
| Application Number | 10/650,334 |
| Filing Date | Aug. 28, 2003 |
| First Named Inventor | Farid Nemati |
| Art Unit | |
| Examiner Name | |
| Attorney Docket Number | C035-D-1 |

Sheet

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of

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NON PATENT LITERATURE DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
|-----------------------|--------------------------|---|----------------|
| | | Kim, Dong Myong, Electrical Characteristics of NPN-AlGaAs/BaAs HBTs with Modulated Base Doping Structures, Journal of the Korean Physical Society, Vol. 33, No. 5, November 1998, pp 607-611 | |
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Examiner
SignatureDate
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